

## Recombinant Human ISG15 Protein, His-tagged

Cat. No. ISG15-551H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ISG15 fused with His tag at C-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-165 aa
<b>Description</b>	The protein encoded by this gene is a ubiquitin-like protein that is conjugated to intracellular target proteins upon activation by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted.
<b>Form</b>	Supplied as a 0.2 μM filtered solution of 50mM HEPES, 100mM NaCl, pH 8.0
<b>Molecular Mass</b>	18.2kD
<b>AA Sequence</b>	MGWDLTVKMLAGNEFQVSLSSSMSVSELKAQITQKIGVHAFQQRLAVHPSGVALQD RVPLASQGLGPGSTVLLVVDKCDEPLNILVRNKNKGRSSTYEVRLTQTVAHLKQQVS GLEGVQDDLFWLTFEGKPLEDQLPLGEYGLKPLSTVFMNLRRLRGGLEHHHHHHH
<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

## GENE INFORMATION

**Gene Name** ISG15 ISG15 ubiquitin-like modifier [ Homo sapiens ]

**Official Symbol** ISG15

**Synonyms** ISG15; ISG15 ubiquitin-like modifier; G1P2, interferon, alpha inducible protein (clone IFI 15K); ubiquitin-like protein ISG15; IFI15; UCRP; ubiquitin cross-reactive protein; interferon-induced 15 kDa protein; interferon-induced 17 kDa protein; interferon-stimulated protein, 15 kDa; interferon-induced 17-kDa/15-kDa protein; interferon, alpha-inducible protein (clone IFI-15K); G1P2; IP17; hUCRP;

**Gene ID** 9636

**mRNA Refseq** NM\_005101

**Protein Refseq** NP\_005092

**MIM** 147571

**UniProt ID** P05161

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